



Sierra Wireless Antenna – 2-in-1 SharkFin

The 2-In-1 SharkFin has a compact OEM style housing that contains 2x2 MiMo antenna function for 2G, 3G and 4G LTE frequencies. The style design provides multiple antenna functions while remaining discreet and is suitable for public safety (overt/covert), industrial and transport applications where a cost effective, efficient and robust antenna is essential.

PART NO.		Specification
		6001120
ELECTRICAL DATA		
Frequency Range (MHz)	3G/4G Elements	698-960, 1710-2170, 2500-3800
Peak gain: Isotropic	3G/4G Elements	2dBi (698-960MHz) 5dBi (1710-3800MHz)
Isolation with 4m/13' CS29	Cellular	>11dB
Typical Efficiency w/o Cable Loss	3G/4G Elements	> 50%
Correlation Co-efficient	3G/4G Elements	< 0.2
Polarisation		Vertical
Pattern		Omni-directional
Impedance		50Ω
Max Input Power (W)		25
MECHANICAL DATA		
Dimensions (mm)	Height	50 (2.2")
	Length	170 (6.77")
	Width	60 (2.4")
Operating Temp (°C)		-40° / +80°C (-40° / 176°F)
Material		ASA, EPDM, Aluminium Alloy
Colour		Black
Weight (g)		658
Ingress Protection		IP 66

MOUNTING DATA		
Mounting Type		Bolt Mount
Mounting Hole		19 (3/4")
CABLE DATA		
Cellular Cables	Cable	CS29
	Length	4 (13ft)
	Termination	SMA Plug

About Sierra Wireless

Sierra Wireless (NASDAQ: SWIR) (TSX: SW) is a world leading IoT solutions provider that combines devices, network services, and software to unlock value in the connected economy. Companies globally are adopting 4G, 5G, and LPWA solutions to improve operational efficiency, create better customer experiences, improve their business models, and create new revenue streams. Sierra Wireless works with its customers to develop the right industry-specific solution for their IoT deployments, whether this is an integrated solution to help connect edge devices to the cloud, a software/API service to manage processes with billions of connected assets, or a platform to extract real-time data to improve business decisions. With more than 25 years of cellular IoT experience, Sierra Wireless is the global partner customers trust to deliver them their next IoT solution.

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